

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/FR 03/00340

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C23C14/34 G02F1/15 C04B35/00 C23C14/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C23C G02F C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 107 019 A (TAKAO HIROSHI ET AL) 15 August 1978 (1978-08-15) column 4, line 37-49 column 8, line 23-30 ---	1-3, 15
X	US 5 981 092 A (ARAI MICHIO ET AL) 9 November 1999 (1999-11-09) column 3, line 25-30 column 3, line 64 -column 4, line 42 column 13, line 48-50 ---	1, 3-6
Y		7-14, 16
X	FR 2 793 888 A (SAINT GOBAIN VITRAGE) 24 November 2000 (2000-11-24) the whole document ---	17-22
Y		7-14, 16
A		
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

4 June 2003

Date of mailing of the international search report

12/06/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 004 (P-986), 9 January 1990 (1990-01-09) & JP 01 256036 A (TOSHIBA CORP), 12 October 1989 (1989-10-12) abstract	1,15
A	----- WEN S-J ET AL: "Analysis of durability in lithium nickel oxide electrochromic materials and devices" SOLAR ENERGY MATERIALS AND SOLAR CELLS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 56, no. 3-4, January 1999 (1999-01), pages 299-307, XP004154416 ISSN: 0927-0248 abstract	11,12,16
A	----- RUBIN M ET AL: "Electrochromic lithium nickel oxide by pulsed laser deposition and sputtering" SOLAR ENERGY MATERIALS AND SOLAR CELLS; ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 54, no. 1-4, July 1998 (1998-07), pages 59-66, XP004148874 ISSN: 0927-0248 the whole document -----	11,12,16

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4107019	A	15-08-1978	JP 1122955 C	12-11-1982
			JP 53048594 A	02-05-1978
			JP 56017019 B	20-04-1981
			DE 2746381 A1	20-04-1978
			GB 1588176 A	15-04-1981
US 5981092	A	09-11-1999	JP 9260062 A	03-10-1997
			JP 9260063 A	03-10-1997
FR 2793888	A	24-11-2000	FR 2793888 A1	24-11-2000
			EP 1109945 A1	27-06-2001
			WO 0071777 A1	30-11-2000
			JP 2003500534 T	07-01-2003
			US 2003031928 A1	13-02-2003
JP 01256036	A	12-10-1989	JP 2656296 B2	24-09-1997
			US 4961979 A	09-10-1990